

Work Order ID 150076

150076

Page 1

Tuesday, August 23, 2016 11:22:22 AM

Item ID: D4377-1 Accept *N900040100* Setup Start *NS1*

Revision ID: Stop *NS2*

Item Name: Placard

Start Date: 8/26/2016 Start Qty: 12.00 *12*

Cust Item ID:

Required Date: 9/9/2016 Req'd Qty: 12.00 *12*

Customer:

Reference:

DAS
21
9-89

Approvals: Process Plan: Date: AUG 23 2016 Tooling: Date: Run Start *NR1*

QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4377	RevA								
100	PURCHASING	0.00							DAS 13 9-89
100						12	AUG 26 2016		
Purchasing	Memo	0.00							
Purchasing	Issue P/O: 33439								
	Manufacture as per Dwg D4377								
	Possible Supplier: Studio Lettrage								
	Material release note is required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	0.04							
Packaging	Ensure material release note is attached								
120	QC6- Inspect dimensions to drawing	0.00							
120									
QC	Memo	0.00							
Quality Control									

12x SP 16-9-6

(12)

DAS
38
9-89
SEP 07 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Description Work Order Deviation				Disposition				Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
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OTHER :																									

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SEP 07 2016

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Picklist Print

Tuesday, August 23, 2016 11:22:26 AM

Page 1/1

Work Order ID: 150076

150076

Parent Item: D4377-1

D4377-1

Parent Item Name: Placard

Start Date: 8/26/2016

Required Date: 9/9/2016

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP revA 11.03.29 new Issue EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4377-1P		Purchased	No			100	Each	0.0000	1	12			
D4377-1P									**				
PLACARD													

12x SP 10-9-6.

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

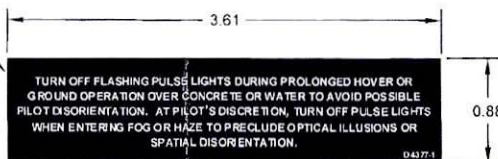


QA Closed: _____ Date: _____

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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER :							

FONT: ARIAL WHITE
TEXT HEIGHT: 0.08"
WIDTH: 0.06"



FONT: ARIAL WHITE
TEXT HEIGHT: 0.06"
WIDTH: 0.04"

D4377-1 PLACARD

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 150076 MLC
16-08-23

RELEASED
2011-03-25

NOTES:

- 1) MATERIAL: WHITE LETTERS AND LOGO ON BLACK ADHESIVE BACK VINYL.
MANUFACTURED FROM 3M 7 MIL MASKING FILM #8522CP OR AVERY IPM #2031
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

A	NEW ISSUE		RF	11.03.18
REV	DESCRIPTION		BY	DATE
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	RF			
CHECKED	RF		DRAWING NO.	REV. A
MFG APPR.	RF		D4377	SHEET 1 OF 1
APPROVED	RF		TITLE	SCALE
DE APPR.	RF		PLACARD	NTS
DATE	11.03.18	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33439

Purchase Order Date 8/26/2016

PO Print Date 8/26/2016

Page Number 1 of 3

Order From :

STUDIO DE LETTRAGE 2001
210 MAIN WEST
HAWKESBURY, ON K6A 2H6
CA

VC-STU001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

Contact Name
Vendor Phone 613 632 5449

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB Destination-Collect

AUG 26 2016

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D2137P AS PER DWG D2137 REV. JAN 29 1992 B150061	Decal - No Step	9/2/2016 Yes 9/2/2016		6.00 Each	\$13.33	\$80.00
						Line Total:	\$80.00
2	D4377-1P AS PER DWG D4377 REV. A B150076	PLACARD	9/2/2016 Yes 9/2/2016		12.00 Each	\$6.67	\$80.00
						Line Total:	\$80.00
3	D5079-1P AS PER DWG D5079 REV. B B150526	Placard, EAPS	9/2/2016 Yes 9/2/2016	FN	12.00 Each	\$6.67	\$80.00

Note:

8/26/2016

STUD!O

210 Main Street West
Hawkesbury, ON K6A 2H6
Phone # 613-632-2001

Invoice.

Date	Invoice #
9/1/2016	42975

Invoice To

Dart Aerospace Ltd
1270 Aberdeen
Hawkesbury
Ontario
K6A 1K7

Ship To

P.O. No.	Terms	Rep	Ship	Via	F.O.B.	Project
33439			8/26/2016			

Quantity	Item	Description	Price Each	Amount
6	4005	D2137P.	13.33	79.98
12	4005	D4377-1P.	6.67	80.04
12	4005	D5079-1P.	6.67	80.04
44	4005	D5418-1P.	1.82	80.08
Attn: Chantal Ref: 18548				
SP/16-9-6.				

Subtotal \$320.14

Thank you for your business.

Sales Tax \$41.62

Total \$361.76

******CERTIFICATE of CONFORMITY******

Customer:

Studio de Lettrage 2001

Purchase Order N°:

33439

Packing Slip N°:

wo#18548

Part N°:

Serial N°:

Description:

D2137P, D4377-1P, D5079-1P,
D5418-1P.

Quantity:

6, 12, 12, 44.

Certification:

We hereby certify that:

1. The above listed items were manufactured, repaired and/or inspected in accordance with applicable drawings and/or specifications;
2. All work was accomplished in accordance with the Dart Aerospace Purchase Order;
3. Results of all inspections, chemical or physical tests, as well as other evidence, which shows the acceptability of raw materials, parts and/or assembly components are on file and available for inspection at any time.

Authority:

Avery

APPROVAL:

Valerie Young

DATE:

Signature:

Val Y

Sept 01-16

Title:

office administrator

PRODUCT DATA SHEET



Avery® IPM I™ 7112

issued: 15/04/2002

Introduction

Avery IPM I 7112 is a white monomeric calendered removable self-adhesive vinyl for use on the Idanit 162Ad inkjet printer, providing good machine runnability. Because of its cost efficiency and good removability, Avery IPM I 7112 is recommended for a wide range of short term applications on flat substrates requiring easy and clean removal.

Description

Film : 100 micron gloss white monomeric calendered vinyl
Adhesive : **removable**, acrylic based
Backingpaper : kraft paper, 140 g/m²

Conversion

Avery IPM I 7112 is specially developed for use on the Idanit 162Ad and Idanit Novo inkjet printer and has been officially approved by Idanit using BL and Magic inks.

Uses

- Interior & exterior signs.
- Window decoration.
- Temporary promotional and point of sale advertising and all.
- applications to flat or regular surfaces that require removability.

Features

- Good printability and handling on Idanit 162Ad.
- Easy conversion.
- Most economical solution for short term outdoor graphics.
- Easy and clean removal (up to 1 year).



www.averygraphics.com

Graphics Division
Rijndijk 86, P.O. Box 116
2394 ZG Hazerswoude - The Netherlands
Tel +31 71 3421500 - Fax +31 71 3421538

PRODUCT CHARACTERISTICS

Avery® IPM I™ 7112

Physical properties

Features	Test method ¹	Results
Caliper, facefilm	ISO 534	100 micron
Opacity	ISO 2471	92%
Dimensional stability	DIN 30646	0.3 mm max.
Adhesion, initial	FINAT FTM-1, stainless steel	225 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	400 N/m
Flammability		Self extinguishing
Shelf life	Stored at 22° C/50-55 % RH	2 years
Removability		up to 1 year*
*Not when applied to: Nitrocellulose paints, ABS, Polystyrene, screenprinting inks (fresh), certain types of PVC		
Durability, unprinted	Vertical exposure	2 years

Temperature range

Features	Results
Minimum application temperature:	≥ 0° C
Temperature range:	- 40 to +100 °C

Important

Information on physical and chemical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use. All technical data are subject to change.

Warranty

Avery® branded materials are manufactured under careful quality control and are warranted to be free from defect in material and workmanship. Any material shown to our satisfaction to be defective at the time of sale will be replaced without charge. Our aggregate liability to the purchaser shall in no circumstances exceed the cost of the defective materials supplied. No salesman, representative or agent is authorised to give any guarantee, warranty, or make any representation contrary to the foregoing. All Avery® branded materials are sold subject to the above conditions, being part of our standard conditions of sale, a copy of which is available on request.

1) Test methods

More information about our test methods can be found on our website.

2) Durability

The durability is based on middle European exposure conditions. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of signs facing south; in areas of long high temperature exposure such as southern European countries; in industrially polluted areas or high altitudes, exterior performance will be decreased.



www.averygraphics.com

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Tel +31 71 3421500 - Fax +31 71 3421506